

# Ringjet Air Conveyors

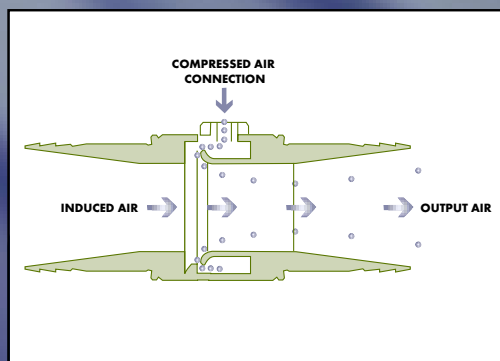
Convey all kinds of parts and material... without blowers, pumps or electricity



## APPLICATIONS

**CONVEYING** Plastic Pellets  
Waste Removal  
Food Products  
Pills and Tablets  
Small Components  
Dust  
Liquids  
Paper Trim

**EXTRACTION** Fumes  
Liquids  
Dust  
Waste Material



HOW THE RING JET AIR CONVEYORS WORKS



Ringjets Air Conveyors are bladeless, motorless fans which connect to flexible hose and are ideal for conveying and extracting all kinds of materials in process, food and manufacturing industries.

Using a small volume of compressed air as the power source, Ringjets utilise the "Coanda" effect to draw larger volumes of ambient air into the device to amplify the air flow by up to 25 times.

Ringjet conveyors are capable of moving material over long distances and this can be increased by adding additional conveyors into the line

- No moving parts - means the Ringjet is maintenance free
- No electricity required - means they are safe to use with liquids and wet material
- Adjustable flow control - using air gap and inlet pressure
- Energy efficient - means low running costs
- Ideal for conveying over long distances
- Quiet Operation (less than 80 dB(A))

## TECHNICAL INFORMATION - RINGJET CONVEYORS

PART NUMBER	THROAT DIAMETER		AIR INLET	AIR CONSUMPTION@4 BAR		OUTLET AIRFLOW		HOSE SIZE FOR DUCTING		DIAMETER		LENGTH		MATERIAL
	MM	INCHES	BSP	SLPM	SCFM	SLPM	SCFM	MM	INCHES	MM	INCHES	MM	INCHES	
BRJ12C	12	1/2"	1/8"	170	6	5,666	200	19	3/4"	25	1"	95	3-3/4	Anodised Alloy
BRJ20C	20	3/4"	1/8"	283	10	6,800	240	32	1-1/4"	40	1-1/2"	95	3-3/4	Anodised Alloy
BRJ25C	25	1"	1/4"	397	14	11,333	400	38	1-1/2"	50	2"	135	5-1/4	Anodised Alloy
BRJ32C	32	1-1/4"	1/4"	455	16	12,742	450	45	1-3/4"	57	2-1/4"	135	5-1/4	Anodised Alloy
BRJ40C	40	1-1/2"	1/4"	510	18	14,150	500	50	2"	63	2-1/2"	135	5-1/4	Anodised Alloy
BRJ50C	50	2"	3/8"	962	34	20,666	730	76	3"	90	3-1/2"	203	8	Anodised Alloy
BRJ75C	75	3"	1/2"	1416	50	33,333	1,178	100	4"	132	5"	248	9-3/4	Anodised Alloy
BRJ12CS/S	12	1/2"	1/8"	170	6	5,666	200	19	3/4"	25	1"	63	3-3/4	Stainless Steel (316)
BRJ20CS/S	20	3/4"	1/8"	283	10	6,800	240	32	1-1/4"	40	1-1/2"	63	3-3/4	Stainless Steel (316)
BRJ25CS/S	25	1"	1/4"	397	14	11,333	400	38	1-1/2"	50	2"	90	5-1/4	Stainless Steel (316)
BRJ40CS/S	40	1-1/2"	1/4"	510	18	14,150	500	50	2"	63	2-1/2"	95	5-1/4	Stainless Steel (316)
BRJ50CS/S	50	2"	3/8"	962	34	20,666	730	76	3"	90	3-1/2"	135	8	Stainless Steel (316)

Standard Ringjet Conveyors are manufactured in Anodised Alloy

Other options include;

- Larger sizes (up to 250mm)
- NPT Threads
- Stainless Steel
- PVC
- Flanged Conveyor - Suitable for quick Release connectors



For even higher conveying performance, take a look at our Pneu-power conveyor



If you have special requirements, please call our technical support engineer who will be pleased to assist you.